

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	2	ep-713908-\$.did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2006/08/29 16:24
S5	252	S4 and dispersant	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 09:42
S4	516	(terephthalic or terephthalate) and "508".clas. and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 09:42
S7	14	S5 and S6	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 09:43
S6	14	S4 and (phosphorus adj ester)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 09:43
S8	12	S7 and (lubricating adj viscosity)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 10:01
S11	114	S10 not S6	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 10:03
S9	2	S7 not S8	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 10:03
S12	15	S11 and (lubricating adj viscosity)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 10:28
S14	17	S13 and (lubricating adj viscosity)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 10:29
S13	125	S5 and (phosphoric adj acid)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 10:32
S16	1	("5652201").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 10:35
S18	0	S5 and (butyl adj hydrogen adj phosphite)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 10:51
S17	0	S5 and (di-n-butyl adj hydrogen adj phosphite)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 10:51

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S10	128	S5 and phosphite	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 10:51
S19	0	S5 and (\$3butyl adj hydrogen adj phosphite)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 10:52
S20	1	("4857214").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 14:18
S3	1	("5578236").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 15:15
S21	0	("(zincadjdihydrocarbyladjdithiophosphate)and@ad<20040107").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/30 15:16
S22	385	(zinc adj dihydrocarbyl adj dithiophosphate) and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 15:36
S25	20	S23 and S24	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 15:50
S24	516	(terephthalic or terephthalate) and "508".clas. and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 15:50
S23	584	(dibutyl adj phosphite) @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 15:50
S27	1	S26 and ((phosphorous adj acid) with anti-wear)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 16:37
S26	252	S24 and dispersant	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 16:37
S15	12	S5 and (phosphorous adj acid)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 16:37
S28	2	S26 and ((phosphoric adj acid) with anti-wear)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 16:38
S30	279	phthal\$3 and ((phosphoric adj acid) with corrosion)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 16:41
S32	2	S31 and (lubricating adj viscosity)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 16:42

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S33	6	S31 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 16:43
S35	0	S26 and ((phosphorodithionic adj acid) with corrosion)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 16:44
S34	0	S26 and ((dithiophosphoric adj acid) with corrosion)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 16:44
S31	154	\$3phthalate and ((phosphoric adj acid) with corrosion)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 16:44
S36	12	(borate adj ester) with (friction adj modifier) and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 16:45
S1	10	((("3974081") or ("4857214") or ("3558490") or ("0713908"))).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/08/30 17:23
S37	3	("2665295").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/08/30 17:24
S29	5	S26 and ((phosphoric adj acid) with corrosion)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 17:24
S40	39	S39 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 17:26
S39	1200	S38 and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 17:26
S43	13	S42 not S40	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 17:46
S42	15	S41 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 17:46
S41	250	((phosphorous adj acid) not (phosphorous adj acid adj ester)) with corrosion	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/30 17:46
S38	1743	((phosphoric adj acid) not (phosphoric adj acid adj ester)) with corrosion	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 09:00

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S45	1516	(phosphoric adj acid) and "508".clas. and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 09:05
S44	243	(phosphoric adj acid) with additive and "508".clas. and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 09:05
S53	275	S52 and heated	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 12:43
S52	363	S49 or S50	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 12:43
S51	0	(terephthalic adj acid) with (phosphorus adj ester) and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 12:43
S48	0	(terephthalic adj acid) near (phosphate) and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 12:43
S47	0	(terephthalic adj acid) near (phosphite) and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 12:43
S46	0	(terephthalic adj acid) near (phosphorus adj ester) and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 12:43
S50	72	(terephthalic adj acid) with (phosphite) and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 12:44
S49	310	(terephthalic adj acid) with (phosphate) and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 12:44
S56	10	S54 or S55	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 12:46
S57	1	S52 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:10
S60	4	(terephthalic adj acid) with solubilize and (phosphite or phosphate or (phosphoric adj acid adj ester)) and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:12
S58	612	(terephthalic adj acid) and solubilize and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:12
S61	14	(terephthalic adj acid) with solubilize and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:13

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S63	4	S62 not S61	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:14
S62	18	(terephthalic adj acid) with solubilize\$ and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:14
S65	11	S64 not S62	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:15
S64	29	(terephthalic adj acid) with solubiliz\$ and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:15
S55	6	(terephthalic adj acid) with (phosphite) with heated and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:16
S68	2	S66 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:19
S67	234	S66 and (phosphate or phosphite)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:19
S66	853	(terephthalic adj acid) with dissolv\$ and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:19
S54	4	(terephthalic adj acid) with (phosphate) with heated and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:19
S70	0	("method of preparing") and terephthalic	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:45
S69	2	S67 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:45
S72	8	(oil adj soluble) with terephthalic	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:46
S71	0	("terephthalic acid in oil")	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:46
S59	291	(terephthalic adj acid) and solubilize and (phosphite or phosphate or (phosphoric adj acid adj ester)) and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 13:56
S73	291	(terephthalic adj acid) and solubilise and (phosphite or phosphate or (phosphoric adj acid adj ester)) and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 14:09

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S75	20	S74 and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 14:10
S74	34	(terephthalic adj acid) near mixing	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 14:10
S76	23	(terephthalic adj acid) near phosphor\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 14:45
S77	2	(solubilized adj terephthalic adj acid)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 15:42
S78	110	terephthalic with terephthalate with soluble	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 15:50
S83	2	terephthalate with soluble and "508". clas. and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 15:51
S82	0	terephthalate with soluble and "508". clas. and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 15:51
S80	407	terephthalate and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 15:51
S84	0	terephthalate near soluble with oil and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 15:53
S81	306	terephthalate and "508".clas. and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 15:53
S79	33	terephthalate near soluble and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 15:53
S85	196	terephthalate and "508".clas. and solub\$6 @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 15:54
S86	11	((dimethyl or diethyl or dipropyl or dibutyl) adj terephthalate) and "508". clas. @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 15:56
S87	4	((dimethyl or diethyl or dipropyl or dibutyl) adj terephthalate) near soluble and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 16:01
S88	0	terephthalate with ("soluble in oil") and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 16:09

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S89	0	terephthalic with ("soluble in oil") and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 16:21
S92	0	oil-soluble with terephthalate and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 16:22
S91	96	S90 and terephthalate	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 16:22
S90	4328	oil-soluble and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/31 16:22
S94	0	(terephthalic adj acid adj esters) near soluble	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 09:03
S93	0	(terephthalic adj acid adj ester) near soluble	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 09:03
S96	0	S95 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 09:40
S97	0	terephthalate near acidolysis and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 10:09
S95	89	terephthalate near dissolved and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 10:09
S99	22	terephthalic with acidolysis and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 10:10
S98	0	terephthalic near acidolysis and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 10:10
S10 1	0	terephthalic with acidolysis with heated and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 10:11
S10 0	9	terephthalic with acidolysis with temperature and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 10:14
S10 3	454	523/351.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 11:37
S10 2	55	terephthalic and acidolysis with temperature and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 11:37

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S10 4	326	S103 and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 11:40
S10 5	66	S104 and terephthalate	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 14:43
L2	5	\$phthalic and 508/162.ccls. and @ad<"20040107"	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/01 15:36
L1	1	("4522734").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/01 15:36